# This Page Is Inserted by IFW Operations and is not a part of the Official Record

#### BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

### IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



(Rev. 07/2003)

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	inventor (if plural invention entitled:	ntors are named b	selow) of the subject	THE AMERICAN ATT	NG FILM USING T	HE SAME	<u>-</u> .		
Insert Title:	invention entitled: <u>A SILOXANE-BASED R</u>	ESIN AND A SEM	IICONDUCTOR INT	ERLAYER INSULATI	dentified by the att	tornev docket nu	mber as set		
	the specification of which is attached hereto. If not attached hereto, the application is described forth above and/or the following:						<del></del>		
Information -	The specification v	vas filed on				(if applicable) a	nd/or		
For Use Without	United States App	iication Number				_(11 application)	as PCT		
Specification	the specification w	as filed on					nd was		
Attached:	International App	(if applicable) and/or as PCT ; and was (if applicable) identified specification, including the claims, as							
	amended on	dentified specifical	tion, including th	ie claims, as					
Insert Priority Information: (if appropriate)	I hereby state tha amended by any amen I acknowledge the Regulations, §1.56. I do not know an thereof, or patented oyear prior to this application to this application of the prior to the application of the presentative or assignatent or inventor's capplication by me or I hereby claim for inventor's certificat a filing date before the Prior Foreign Application of the prior Foreign Application of the prior Foreign Application for inventor's certificat a filing date before the Prior Foreign Application of the prior Foreign Ap	t I have reviewed a dment referred to a ne duty to disclose d do not believe the r described in any lication, that the sa on, that the inventi on in any country gns more than twe retificate on this in my legal representa oreign priority bend e listed below and at of the application ication(s)	and understand the dabove.  Information which e same was ever known printed publication ame was not in public on has not been pate of the United The State of the United The State of the United State of the	is material to patents wn or used in the Unit in any country before ic use or on sale in the ited or made the subited States of Americal this for designs) prior id in any country foreign as follows.  Juited States Code, \$1 below any foreign app	ability as defined ed States of Americ my or our invention of the United States of ject of an inventor to this application to the United Sugar of	in Title 37, Code ca before my or or on thereof or my or or on the code or my or or on the code of the certificate issue on filed by me of the code of the code of the certificate of America reign application or inventor's certification or inventor's cert	e of Federal ur invention ore than one han one year defore the or my legal plication for prior to this (s) for patent ficate having Claimed  No		
	(Number)	(Country)		(Month/Day/	Year Filed)	Yes	No		
	(Number)	(Country)					□ No		
	(21 - 2- 2- 2- 2)	(Country)		(Month/Day/	Year Filed)	Yes			
4	I hereby claim the be	enefit under Title 3	5, United States Code	e, §119(e) of any United	d States provisional	l applications(s) l	isted below.		
r Demoisional				(Filing Da					
Insert Provisional Application(s):	(Application Numb	er)		/1B =	,				
(if any)				(Filing Da					
	(Amplication Numb	te)							
	(Application Number)  All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:								
	Country	пь присавол	Application Num	ber	Date of Filing (Mo	nth/Day/Year)			
Insert Requested									
Insert Requested Information: (if appropriate)	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is a disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States and/or PCT application in the manner provided by the first paragraph of Title 37, Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code, §112, I acknowledge the duty to disclose information which is material to the prior application and the national or Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or Finternational filing date of this application.								
Insert Prior U.S. Application(s):	(Application Nun	nber)	(Filing Date)		(Status - patented				
(if any)  Page 1 of 2	(Application Nun	nber)	(Filing Date)		(Status - patented	d, pending, aband	doned)		

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

#### BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 02292

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

•		the validity of the application 7.1		4 607.54				
	TAME (FAMILY NAME	INVENTOR'S SIGNATURE	_	DATE*				
ne of First e Inventor: ame of tor ate This ment is Signed	GIVEN NAME/FAMILY NAME	1200m		Apr. 12, 2004				
or the This tent is Signed	Yi Yeol LYU	the h	CITIZENSHI	P				
rt Residence	Residence (City, State & Country)	•	Korean					
itizenship →	Daejeon-Shi, Republic of Korea  MAILING ADDRESS (Complete Street Address including City, State & Country)  Complete Street Address including City, State & Country)							
ost Office	MAILING ADDRESS (Complete Street Ac	idress including City, State & Court, 77	Republic of Ko	orea				
ddress →	MAILING ADDRESS (Complete Street At 110/304 Sejong Apartment, Jeonmin-Don	g 462-5, Yuseong-Gu, Daejeon-Siu, 566 , 26		DATE*				
I Name of Second nventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		Apr. 12, 2004				
	Ki Yong SONG	k. Y. Song	CITIZENSH					
	Residence (City, State & Country)	J .		.11				
	c. J. Ramublic of Korea		Korean					
	- = = = Tag (C lata Stroot Δ	ddress including City, State & Country)						
	MAILING ADDRESS (Complete Street Address including City, State & Country)  117/1004 Olympic Athletic Apartment, Bangi-Dong 89, Songpa-Gu, Seoul, 138-829 Republic of Korea							
		INVENTOR'S SIGNATURE		DATE*				
lame of Third	GIVEN NAME/FAMILY NAME	INVENTORS SIGNATION D	21142	Apr. 12, 2004				
Inventor, if any:  see above  Full Name of Fourth Inventor, if any:	Joon Sung RYU	72	CITIZENSI					
	Residence (City, State & Country)	•	Korea					
	Incheon-Shi, Republic of Korea	a Complete						
	MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)							
	100 (004 Hyundai, Apartment Gyesan-3 Dong, Gyeyang-Gu, Incheon-Siii, 407-700 Rep 10-10-10							
	GIVEN NAME/FAMILY NAME		Elvan	DATE* Apr. 12, 2001				
	GIVEN NAME/FAMILI WAND		corre	Apr. 10,				
ventor, ii any:	E .							
see above	Jong Baek SEON		CITYZENS					
see above	Jong Baek SEON Residence (City, State & Country)		CITYZENS Korean					
ventor, ii any: see above	Jong Baek SEON  Residence (City, State & Country)  Gyeonggi-Do, Republic of Korea	A Hose including City State & Country)	Korean	НІР				
see above	Jong Baek SEON  Residence (City, State & Country)  Gyeonggi-Do, Republic of Korea	Address including City, State & Country)	Korean	НІР				
see above	Jong Baek SEON  Residence (City, State & Country)  Gyeonggi-Do, Republic of Korea	Address including City, State & Country) ed Institute of Technology, Giheung-Eup, Y	Korean	НІР				
ventor, nany: see above	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea	ed Institute of Technology, Gineung-Eup,	Korean	НІР				
see above	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance	Address including City, State & Country) ed Institute of Technology, Giheung-Eup, INVENTOR'S SIGNATURE	Korean	eonggi-Do, 449-712				
see above	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME	ed Institute of Technology, Gineung-Eup,	Korean Yongin-Shi, Gye	eonggi-Do, 449-712				
see above	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME	ed Institute of Technology, Gineung-Eup,	Korean	eonggi-Do, 449-712				
see above  Il Name of Fifth Inventor, if any:	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME Residence (City, State & Country)	INVENTOR'S SIGNATURE	Korean Yongin-Shi, Gye	eonggi-Do, 449-712				
see above	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME Residence (City, State & Country)	INVENTOR'S SIGNATURE	Korean Yongin-Shi, Gye	eonggi-Do, 449-712				
see above  Il Name of Fifth Inventor, if any:	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME Residence (City, State & Country)	ed Institute of Technology, Gineung-Eup,	Korean Yongin-Shi, Gye	eonggi-Do, 449-712  DATE*				
see above  Il Name of Fifth Inventor, if any:	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME Residence (City, State & Country) MAILING ADDRESS (Complete Street	INVENTOR'S SIGNATURE  t Address including City, State & Country	Korean Yongin-Shi, Gye	eonggi-Do, 449-712				
see above  Il Name of Fifth Inventor, if any: see above	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME Residence (City, State & Country)	INVENTOR'S SIGNATURE	Korean Yongin-Shi, Gye	eonggi-Do, 449-712  DATE*				
see above  Il Name of Fifth Inventor, if any: see above	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME Residence (City, State & Country)  MAILING ADDRESS (Complete Street GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE  t Address including City, State & Country	Korean Yongin-Shi, Gye	DATE*				
see above  Il Name of Fifth Inventor, if any: see above	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME Residence (City, State & Country) MAILING ADDRESS (Complete Street	INVENTOR'S SIGNATURE  t Address including City, State & Country	Korean Yongin-Shi, Gye	DATE*				
see above  Il Name of Fifth Inventor, if any: see above	Jong Baek SEON Residence (City, State & Country) Gyeonggi-Do, Republic of Korea MAILING ADDRESS (Complete Street A/301 Dormitory of Samsung Advance Republic of Korea GIVEN NAME/FAMILY NAME Residence (City, State & Country)  MAILING ADDRESS (Complete Street GIVEN NAME/FAMILY NAME Residence (City, State & Country)	INVENTOR'S SIGNATURE  t Address including City, State & Country	Korean  Yongin-Shi, Gye  CITIZEN	DATE*				